

In the Claims:

Please cancel Claims 4 and 9, without prejudice, and amend Claims 1, 3, 5, 6, 8 and 10 and 11 as indicted below. The status of all claims is as follows:

1. (Currently Amended) A communication traffic control system on a LAN of a CSMA/CD type having servers and clients connected thereto, comprising:

reception means for enabling ~~other~~ another client to receive a transmission request and an object corresponding to said transmission request when one client generates said transmission request of said object to a server and receives said object corresponding to said transmission request from said server;

a storage unit disposed inside said one client, for storing said transmission request and said object corresponding to said transmission request;

judgment means for judging whether or not said object corresponding to said transmission request is stored in said storage unit when said one client generates said transmission request to said server; and

object acquisition means for directly acquiring said object corresponding to said transmission request from said storage unit without passing through said LAN when the judgment result of said judgment means is positive, and acquiring said object corresponding to said transmission request from said server through said LAN when the judgment result of said judgment means is ~~negative~~ negative,

wherein each client comprises said reception means, said storage unit, said judgment means and said object acquisition means.

2. (Original) A traffic control system on a LAN according to claim 1, wherein said object stored in said storage unit is of a predetermined kind set in advance.

3. (Currently Amended) A traffic control system on a LAN according to ~~claim 1,~~ claims 1 or 2, wherein said object stored in said storage unit is determined as an object corresponding to a transmission request generated from a client having an IP address set in ~~advance.~~ advance when all of the following conditions are met:

(i) a transmission side IP address of a recorded transmission request coincides with a reception side IP address of received data;

(ii) a reception side IP address of said recorded transmission request coincides with a transmission side IP address of received data;

(iii) a transmission side port address of said recorded transmission request coincides with a reception side port address of received data; and

(iv) a reception side port address of said recorded transmission request coincides with a transmission side port address of received data.

4. (Cancelled).

5. (Currently Amended) A traffic control system on a LAN according ~~to any~~ to either of claims 1 ~~through 4,~~ or 2, wherein said storage unit stores said transmission

request of said object that said one client generates to said server and stores said object corresponding to said transmission request. request when it is judged that the record of said transmission request of said object exists in said storage unit if an IP header, an TCP header and a URI of said transmission request coincide with those of any one of the stored objects, thereby collection processing of said object is executed.

6. (Currently Amended) A method of controlling communication traffic on a LAN of a CSMA/CD type having servers and clients connected thereto, wherein each client can perform ~~comprising~~ the steps of:

a first step of allowing another client to receive a transmission request and an object corresponding to said transmission request when one client generates said transmission request of said object to a server and receives said object corresponding to said transmission request from said server;

a second step of storing said transmission request and said object corresponding to said transmission request in a storage unit disposed inside said one client;

a third step of judging whether or not said object corresponding to said transmission request is stored in said storage unit when said one client generates said transmission request to said server; and

a fourth step of directly acquiring said object corresponding to said transmission request from said storage unit without passing through said LAN when the judgment result of said third step is positive, and acquiring said object corresponding to said

transmission request from said server through said LAN when the judgment result of said third step is negative.

7. (Original) A method of controlling traffic on a LAN according to claim 6, which further includes a step of selecting a predetermined kind of an object set in advance for said object stored in said storage unit.

8. (Currently Amended) A method of controlling traffic on a LAN according to claim 6 or 7, which further includes a step of selecting said object stored in said storage unit that corresponds to said transmission request generated from a client having an IP address set in ~~advance~~. advance when all of the following conditions are met:

(i) a transmission side IP address of a recorded transmission request coincides with a reception side IP address of received data;

(ii) a reception side IP address of said recorded transmission request coincides with a transmission side IP address of received data;

(iii) a transmission side port address of said recorded transmission request coincides with a reception side port address of received data; and

(iv) a reception side port address of said recorded transmission request coincides with a transmission side port address of received data.

9. (Cancelled)

10. (Currently Amended) A method of controlling traffic on a LAN according to ~~any~~ to either of claim 6 or 9, claims 6 or 7, which further includes a step of storing said transmission request of said object that said one client generates to said server and said object corresponding to said transmission request in said storage ~~unit.~~ unit when it is judged that the record of said transmission request of said object exists in said storage unit if an IP header, an TCP header and a URI of said transmission request are coincide with those of any one of the stored objects, thereby collection processing of said object is executed.

11. (Currently Amended) A computer-readable recording medium for use in a communication traffic control system on a LAN of a CSMA/CD type having servers and clients connected thereto, recording therein a program for allowing a computer in each client to execute the following steps 1 to 4:

the first step of allowing another client to receive a transmission request and an object corresponding to said transmission request when one client generates said transmission request of said object to a server and receives said object corresponding to said transmission request from said server;

the second step of storing said transmission request and said object corresponding to said transmission request in a storage unit disposed inside said one client;

the third step of judging whether or not said object corresponding to said transmission request is stored in said storage unit when said one client generates said transmission request to said server; and

the fourth step of directly acquiring said object corresponding to said transmission request from said storage unit without passing through said LAN when the judgment result of said third step is positive, and acquiring said object corresponding to said transmission request from said server through said LAN when the judgment result of said third step is negative.

12. (New) A method of controlling traffic on a LAN according to either of claims 1 or 2, wherein header information is generated when data of said transmission request of said object received from Internet Protocol satisfies the following conditions:

(i) a transmission side IP address of a recorded transmission request coincides with a transmission side IP address of received data;

(ii) a transmission side port address of said recorded transmission request coincides with a transmission side port address of received data; and

(iii) URI of said recorded transmission request coincides with URI of received data.

13. (New) A traffic control system on a LAN according to either of claims 6 or 7, wherein header information is generated when data of said transmission request of said object received from Internet Protocol satisfies the following conditions:

(i) a transmission side IP address of a recorded transmission request coincides with a transmission side IP address of received data;

(ii) a transmission side port address of said recorded transmission request coincides with a transmission side port address of received data; and

(iii) URI of said recorded transmission request coincides with URI of received data.